

Serial No. 09/629,321
Amdt. dated June 24, 2005
Reply to Office Action of March 25, 2005

Attorney Docket No. PF01869NA

Amendments to the Claims:

1. through 3. (Canceled)

4. (Currently Amended) An apparatus comprising:

at least one sensor communicating sensor added information to a communication device within a network to control a power consumption level of the communication device, wherein the communication device uses a service discovery protocol of a wireless ad hoc network to look for a fixed position sensor for additional sensor information to adjust the power consumption level of the communication device.

5. (Previously Presented) An apparatus comprising:

at least one sensor communicating sensor added information to a communication device within a network to control a power consumption level of the communication device, wherein the at least one sensor includes a motion sensor, the motion sensor being used to place the communication device in a stand-by power mode when the communication device is moving or to place the communication device in an active mode when the communication device is still.

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6. (Currently Amended) An apparatus comprising:

at least one sensor communicating sensor added information to a communication device within a network to control a power consumption level of the communication device, wherein the at least one sensor determines an orientation ~~a position~~ of the communication device and if the position of the wireless communication device is a first orientation ~~an active position~~, the communication device is placed in an active power mode and if the position of the communication device is a second orientation ~~an inactive position~~, the communication device is placed in a stand-by power mode.

7. through 12. (Canceled)

13. (Currently Amended) A method of improving battery life of a wireless communication device, comprising:

sensing environmental conditions within a predetermined distance of the wireless communication device with a plurality of coupled sensors, the plurality of sensors being selected from the group consisting of a crowd sensor, a range sensor, a moisture sensor and a sound sensor;

determining a usage pattern match based on the sensed environmental conditions; and
adjusting a power consumption level of the wireless communication device in accordance with the usage pattern match, wherein the wireless communication device switches from a stand-by power mode to an active mode when the sensed environmental conditions satisfy a

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predetermined condition and automatically transmits a predetermined message to a predetermined device after the predetermined condition is satisfied.

14. (Currently Amended) The apparatus ~~method~~ as claimed in claim 5 ~~13~~, wherein the motion sensor is ~~plurality of sensors are~~ selected from the group consisting of a ~~motion sensor, a light sensor, a crowd sensor, a range sensor, a moisture sensor,~~ an inertial sensor, and an accelerometer sensor ~~and a sound sensor~~.

15. through 22. (Canceled)